

In The Claims

1. (Presently Amended) A device for [enabling the] recording [of] a pressure produced by a vacuum extraction device, the vacuum extraction device enabled to couple to a fetus via a suction device, comprising:

a cable that is attachable to a monitor, the monitor being enabled to record a detected pressure;

a pressure detection device coupled to the cable, the pressure detection device [capable of being coupled] adapted to couple to a [tubing] cavity of a vacuum extraction device for use with fetal extraction, such that the pressure detection device is enabled to detect a pressure in [the tubing] the cavity;

the pressure detection device further adapted to communicate a detected vacuum pressure to the monitor via the cable;

the [tubing being coupled to a suction device] vacuum extraction device being adapted to produce a vacuum therein via hand-actuation; and

[,] the vacuum extraction device comprising a suction device being vacuum attachable to a scalp portion of a fetus.

2. (original) The device of claim 1 wherein the tubing has a first end and a second end.

3. (original) The device of claim 2 wherein the first end and the second end are enabled to couple to tubing.

4. (original) The device of claim 2 wherein the first end is enabled to attach to a vacuum pump.

5. (original) The device of claim 2 wherein the first end is enabled to attach to a suction device.

6. (Presently Amended) A method of using a recording device to record a pressure in a vacuum extraction device, comprising:

coupling a recording device to a vacuum extraction device;

placing the vacuum extraction device on a fetus, the space between the fetus and the vacuum extraction device defining a pressure area in the [a] vacuum extraction device, the vacuum extraction device [enabled] adapted to couple to a fetus via a suction device;

inducing a vacuum pressure in the pressure area by hand-actuating the vacuum extraction device;

detecting the vacuum pressure in the pressure area; and

recording the vacuum pressure to produce a record.

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7. (original) The method of claim 6 further comprising the act of calibrating the recording device by zeroing the pressure.

8. (Previously Presented) The method of claim 6 wherein the vacuum device employs a pump to generate a vacuum, the pump being a vacuum extractor, comprising:

a vacuum cup having a cup portion for application to a fetus, the cup portion defining a cup chamber;

a handle connected to the vacuum cup, the handle including a grip surface, the handle for maneuvering the vacuum cup; and

a vacuum pump defining a vacuum chamber fluidly couplable to the cup chamber,

wherein the vacuum pump includes an activation surface for creating a vacuum in the vacuum chamber,

wherein the grip surface of the handle and the activation surface of the vacuum pump are in a proximity such that a single human hand can grasp both the grip surface and the activation surface simultaneously,

wherein compression of the activation surface of the vacuum pump towards the grip surface of the handle reduces the volume within the vacuum chamber.

9. (canceled)

10. (original) The method of claim 6 wherein recording is achieved electronically.

11. (original) The method of claim 6 wherein recording is achieved with a paper printout.

12. (original) The method of claim 6 further comprising the act of storing the record.

13. (Presently Amended) A vacuum extraction pump-attachable device [for monitoring and recording] that monitors a vacuum pressure in a vacuum extraction device, comprising:

an adaptor enabled to attach to a pressure gauge receiver of a hand actuated vacuum extraction device, [pump, the hand pump adapted to couple to a] the vacuum extraction device [having] comprising a suction device adapted to couple to a scalp portion of a fetus [coupled thereto];

[an air] a vacuum pressure detector secured in the adapter such that the vacuum pressure detector is exposed to an air cavity in the [hand pump] vacuum extraction device; and

a cable coupled to the [air] vacuum pressure detector, the cable enabled to attach to a monitor for recording a detected vacuum pressure.

14. (original) The pump-attachable device of claim 13 wherein the air pressure detector is a transducer.

15. (original) The pump-attachable device of claim 13 wherein the monitor is coupled to the cable.

15 / 16. (original) The pump-attachable device of claim 15 wherein the monitor is  
enabled to display a detected pressure.

17 / 17. (original) The pump-attachable device of claim 13 wherein the air pressure  
detector generates a mechanical signal based on the pressure.

18 / 18. (original) The pump-attachable device of claim 13 wherein the air pressure  
detector generates an electrical signal based on the pressure.

19 / 19. (original) The pump-attachable device of claim 15 wherein the monitor is  
enabled to generate a paper record.

20 / 20. (original) The pump-attachable device of claim 13 further comprising a pressure  
release valve coupled to the hand pump.